

corroborative support to the inspector's belief that the cited area was loose. As noted, Desai testified that drummy-sounding roof is evidence of either a physical separation in the roof strata or loosened adhesion between the strata because of the presence of carnallite or mud seams. Desai also testified that carnallite poses the same hazard as does separation in the seams. Although Amax correctly contends that its operating experience must also be considered, we discern no persuasive reason on this record to challenge the inspector's informed judgment or to overturn the judge's finding that the roof was loose, 5/

5/ We reject any suggestion that the ground control measures required by the standard apply only when ground is in immediate danger of falling. The standard contains no such qualification. If an operator disagrees with an inspector's determination that the ground is loose, it can attempt to demonstrate the soundness of the ground by barring the area in question. Tr. 68. The operator also can point to the operating history of the mine and any other relevant factors tending to show that the ground is not loose. Here, rather than barring the area in question Amax installed additional roof bolts. However, as the facts of this case show the fact that roof bolts have previously been installed does not guarantee compliance with the standard. The standard requires not just support but adequate support.